1. A color-filterless full color liquid-crystal display device comprising:

a liquid-crystal shutter portion including TN liquid crystal or STN liquid crystal; and

a backlight portion including red at least one LED, at least one green LED, and at least one blue LEDs,

wherein the number of said blue LEDs is not smaller than the number of said red LEDs; and

the number of said blue LEDs is not smaller than the number of said green LEDs.

2. A liquid-crystal display device according to Claim 1, wherein the number of said blue LEDs is not smaller than the number of said red LEDs; and

the number of said blue LEDs is larger than the number of said green LEDs.

- 3. A liquid-crystal display device according to Claim 1, wherein two red LEDs, one green LED and two blue LEDs are mounted on a substrate.
- 4. A liquid-crystal display device according to Claim 1, wherein said backlight portion includes a planar light guide laminated on said liquid-crystal

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shutter portion so that said LEDs are disposed to face a side surface of said planar light guide.

- 5. A liquid-crystal display device according to Claim 4, wherein a reflection layer is formed on a surface of said light guide.
 - 6. A liquid-crystal display device according to Claim 1, wherein said backlight portion includes a light emission controller for controlling light emission of each of said LEDs, said light emission controller applying a current to said LED to thereby obtain the maximum light-emitting efficiency of said LED.
 - 7. A liquid-crystal display device according to Claim 1, wherein light is selectively emitted from each of said LEDs in synchronism with ON/OFF of corresponding one of pixels in said liquid-crystal shutter portion.
 - 8. A color-filterless full color liquid-crystal display device comprising:
- a liquid-crystal shutter portion including TN liquid crystal; and

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a backlight portion including at least one red LED, at least one green LED, and at least one blue LED; wherein the number of said green LEDs is not larger than the number of said red LEDs; and the number of said green LEDs is not larger than

the number of said blue LEDs.

- 9. A liquid-crystal display device according to Claim 8, wherein said backlight portion includes a planar light guide laminated on said liquid-crystal shutter portion so that said LEDs are disposed to face a side surface of said planar light guide.
- 10. A liquid-crystal display device according to Claim 9, wherein a reflection layer is formed on a surface of said light guide.
- 11. A liquid-crystal display device according to Claim 8, wherein said backlight portion includes a light emission controller for controlling light emission of each of said LEDs, said light emission controller applying a current to said LED to thereby obtain the maximum light-emitting efficiency of said LED.

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12. A liquid-crystal display device according to Claim 8, wherein light is selectively emitted from each of said LEDs in synchronism with ON/OFF of corresponding one of pixels in said liquid-crystal shutter portion.

